

## Minutes of Wayland SWQC 8 August, 2012 Meeting

Prepared by Bob Goldsmith

Present: Toni Moores, Mike Lowery, Lin Bradford, Tom Largy, Bob Goldsmith

The meeting came to order at 7:35 PM. There was no public comment.

1. Minutes of the previous meeting were approved 5-0
2. Heard Pond.
  - a. No report. Subsequent email from Tom reports about 2,500 plants pulled by Lycott, about half of last year's count.
3. Dudley Pond.
  - a. 15,190 plants have been pulled ytd, including about 1,000 floaters. Total cost is \$17,280; DPA has paid the Town 25% of this. A map of areas treated is attached.
  - b. *E. Coli* counts continue to be low, well below State maximum allowed levels.
4. North Pond
  - a. General discussion of capture net placement, low amount of floating fragment capture, and possible reasons why there have been few fragments captured this year.
5. Other
  - a. Two invoices were approved.
  - b. Mike proposed possible programs that SWQC might consider (attached)
  - c. Bob will check DEP grants that could be pursued.
  - d. Toni to contact DPW about witnessing catch basin cleaning around Dudley Pond
6. The committee voted 5-0 to adjourn at about 8:30 PM.



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**2012 DP Milfoil [7/1 - 7/25] JULY:6,896 YTD:14,237**

WSWQC Milfoil control activities.

HRS: pulling time,

PLANTS: small, medium, large,

small = 1-2 stems, 1-2ft

med=2-5 stems, 2-4ft

large=5 or more stems, 4-8ft

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## SWQC 2012-08-08 meeting -- SEPTIC / STORMWATER changes

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- East Dudley Septic Study - Possible Continuations
  - Continuing the study itself*
    - Delivery to the BoS
    - Letters to the 50 homes ?
      - Nutshell of the study, link to full study.
      - Findings for your home - link to all homes (de-addressed, de-named)
      - Recommendations in general & specific to your house
      - Invitation to correct data
      - (update pumping records, water use first?)
    - Expand study to more homes
- LEVERAGING SEPTIC DATA- Specific Steps
  - The study and presenting it has helped boards become aware and ready to consider specific proposals.*

*All at once bombshells? Trickle it out? Incremental approach  
Septic and Stormwater - alternating?*

*Possibilities list for SWQC consideration*

- MEDIUM BoH Septic Data Management Software
  - Possible grant money to get septic management software for the BoH - plans, geo-locations inspections, pump outs. We need their help. This might give them time back if we could make it easy and perhaps transfer the data entry burden to the septic hauler. Data quality would improve.*
- SMALL BoH Automate just Pump out data
  - Simpler - shift the burden to haulers. Perhaps license haulers and require data entry on smart phone.*
- LARGE: Nantucket-like mandate?
  - costly, politically risky*
- SMALL: Regulate pumpout intervals
  - Based on proximity, household size, system size?  
BOH administration.  
Means-tested \$ assistance for some portion?*
- SMALL: Require periodic inspection reports with pump outs
  - Not Title-V, but giving similar information. Enough to signal a homeowner that a Title V might be a problem.  
SOME conditions could require repair  
BOH administration.  
Means-tested \$ support from somewhere?*
- SMALL: Tight Tanks - WATER IN / WATER OUT
  - Directed study of water use material balance on tight tank properties*

- looking for significant IN > OUT not attributable to outdoor watering. Do the numbers, present to BOH/BOS if necessary - ask for action.

- LEVERAGING STORMWATER Data/History - Specific Steps
  - We've photos of problems with storm drains, photos of erosion, data that suggest milfoil associated to outfalls, new BMPs coming in MS4 EPA requirements - the GeoSyntec study, and the Tighe and Bond report to DAAC*
  - LARGE: Rehabilitation of Mansion Beach
    - > Stormwater improvements for all drains into that end of Dudley - rain gardens, enhanced sand filters, ???
    - > Gated trailer access for emergency services
    - > Provide parking, improve public access
  - CPC funds?*
  - Requires negotiation with abutters/DPA.*
  - LARGE: Get Lakeshore Drive accepted & done over
    - DPW director says its a mess. Sarkis says its a mess.*
    - Two catch basins have failed. I could get Stubby to estimate the cost*
  - MEDIUM: Get one or both failed catch basins fixed on LSD
    - Funding \$10-\$12K*
    - Town labor,
    - town purchasing power,
    - Some SWQC\$
    - Some abutter \$
    - Some DPA \$
    - CPC ??? (as in NEW catchbasin).
    - > Have a bake sale
    - > Establish a voluntary toll both -
    - > Sell "Save our Struts!" stickers for cars.
  - MEDIUM: Development plans costs for Sand Filter
    - Mansion / Bayfield / - with Andy Ericson UofM*
    - CPC money?*
  - LOW: Ask MWRA to fix erosion on their access road.
  - LARGE but SEGMENTABLE: Accepting Streets
    - Campaign to get town to accept streets around the pond and improve drainage.*
    - Lakeshore
    - Mathews Drive (2' water service)
    - Doran Rd
    - Pond Drive
    - Crest Road (some may be)
- COMMUNITY SEPTIC
  - LOW: Where is DAAC?

*Languishing. Needs to be re-ignited and at least draft recommendations for reserving community septic areas*

- LOW: Possible Development on Dudley Point?  
*status?*

- POND MANAGEMENT - NUTRIENT REDUCTION

- DUDLEY: Harvesting Curlyleaf - another way to remove N+P  
*Curly leaf is up before the milfoil. There is a two week period where its fully grown - before the heat pushes it to die back. During this time it could be harvested and the N+P sequestered in it removed from the pond causing little if any milfoil fragmentation.*

*2007 13-acre \$25,000 milfoil harvest:*

*"What was removed? DPA removed five dumpster loads, 150 cubic yards , 74,000 pounds of Eurasian Milfoil – enough to fill four rooms of your house! Also removed: approximately 150 pounds of phosphorus – equivalent to the nutrient added by runoff for a year, or from a single failing septic system."*

- FARMING for FUNDING

*Do we need a volunteer funding farmer?*

*Maybe Jennifer Steel would help?*

- MEDIUM Apply for MA Community Septic Grant  
*Can buy tracking software for BoH  
Can subsidize repairs.  
Small potatoes*
- LOW: CPC  
*What CAN we sell them?*
- UNLIKELY BUT: MS4 regs  
*Any federal money to help implement these?*